

# Power Cost Memorandum Purchase Power Update

Date: **December 15, 2022**

Utility Name (Cert. No.) <b>Twin Hills Village Council (729)</b>	Utility File No. <b>PC109-1216L</b>	Date Filed: <b>November 29, 2022</b>
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PCE AMOUNT SUMMARY	Previously Approved PC109-1216K	Staff Recommended Amount(s) and Effective Date PC109-1216L
Class Rate	<u>Date Approved:</u> July 16, 2022	December 16, 2022
All	\$ 0.2564	\$ 0.3070
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent

Prior Fuel Purchase Price: \$ 2.7607	New Power Purchase Price: \$ 0.4014
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Mark-up/Delivery Charge: 0	Surcharge Change: Previous 0 Updated 0

Staff notes Twin Hills now purchases power from Alaska Village Electric Coop and no longer generates its own power. With this fuel report Staff uses the purchase power cost instead of the fuel cost to determine the fuel cost used to calculate the PCE amount. In addition, Staff recommends Twin Hills begins filing a Non-Regulated PCE Fuel and Purchased Power Cost Report Form (fuel report) quarterly; January 31, April 30, July 31, and October 31, with the first fuel report due January 31, 2023.

Signed: Brenda Cox

Brenda Cox

Utility Financial Analyst

**Commission decision re. this recommendation :**

	Date (if different from 12/15/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<u>KKT</u>		
Doyle		<u>BD</u>		
Pickett		<u>RMP</u>		
Sullivan		<u>DS</u>		
Wilson		<u>JW</u>		

*Special Instructions to Staff:*

\* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

## Twin Hills Village Council

POWER COST EQUALIZATION CALCULATION  
FOR PERIOD ENDING SEPTEMBER 30, 2016  
**Purchase Power Update**

	PC109-1216K	PC109-1216L
	Prior Commission Approved	Utility Request  Staff Recommended
A Total KWH Generated	313,674	313,674
B Total KWH Sold (Appendix 2)	246,983	246,983
C Total Non-Fuel Costs (Appendix 2)	32,570	32,570
<b>D. Non-Fuel Cost/KWH (C / B)</b>	<b>\$0.1319</b>	<b>\$0.1319</b>
E Total Fuel Costs (Appendix 2)	82,435	139,542
<b>F. Fuel Costs/KWH (E / B)</b>	<b>\$0.3338</b>	<b>\$0.5650</b>
G Eligible Costs/KWH (D + F)	\$0.4656	\$0.6969
<b>H. Eligible Cost/KWH (G) Less 19.58 cents/kWh</b>	<b>\$0.2698</b>	<b>\$0.5011</b>
I Lesser of (H) or 80.42 kWts/kWh	\$0.2698	\$0.5011
J Average Class Rates (Appendix 3) All	\$0.3082	\$0.3069
Class Power Cost Equalization Per kWh Payable		
K Lesser of: (I) x 95%, or (J) All	\$0.2564	\$0.3070
<b>L. Funding Level in Effect</b>	100%	100%
All	<b>\$0.2564</b>	<b>\$0.3070</b>

PC109-1216L  
Appendix 1

## Twin Hills Village Council

### SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY FOR PERIOD ENDING SEPTEMBER 30, 2016 Purchase Power Update

				PC109-1216K	PC109-1216L	
				Prior Commission Approved	Per Utility	Staff Recommended
<b>Non-Fuel Costs:</b>						
A.	Personnel Costs			18,703	18,703	18,703
B.	Operating Expenses			13,800	13,800	13,800
C.	General and Administrative			242	242	242
D.	Depreciation			-	-	-
E.	Interest Expense			-	-	-
F.	Other (Describe) Pole Rental			(174)	(174)	(174)
G.	<b>Total Non-Fuel Costs</b>			<b>32,570</b>	<b>32,570</b>	<b>32,570</b>
<b>Fuel Costs:</b>						
H.	Gallons Consumed for Electric Generation			29,860	0.00	0.00
I.	Most Recent Price of Fuel	\$2.7607		2.7607	0.00	0.00
	Date Purchased	7/22/2020				
J.	kWh purchaed from AVEC Oct. 2021 -Sept. 2022			N/A	347,639	347,639
K.	AVEC cost of power per/kWh for September 2022 22,662/\$9,096.96 = \$0.4014			N/A	0.4014	0.4014
L.	<b>Total Fuel Costs</b>			<b>82,435</b>	<b>139,542</b>	<b>139,542</b>
M.	kWh Generated			313,674	313,674	313,674
N.	KWH Sales			246,983	246,983	246,983
O.	KWH Station Service			29,065	29,065	29,065
P.	Efficiency (K/H)	≥	<u>Standard</u> 10.50	10.50	N/A	N/A
Q.	Line Loss	≤	12%	12.00%	12.00%	12.00%
				(kWh generated -(kWh Sold+ Station Service))/kWh generated		

Signature: Keith Kurber II  
Keith Kurber II (Dec 15, 2022 08:58 AKST)

Email: keith.kurber@alaska.gov

Signature: Bob Doyle  
Bob Doyle (Dec 15, 2022 09:13 AKST)

Email: bob.doyle@alaska.gov

Signature: Robert M. Pickett

Email: bob.pickett@alaska.gov

PC109-1216L  
Appendix 2

Signature: Daniel Sullivan  
Daniel Sullivan (Dec 15, 2022 11:46 AKST)

Email: daniel.sullivan@alaska.gov

Signature: Janis W. Wilson  
Janis W. Wilson (Dec 15, 2022 13:50 AKST)

Email: janis.wilson@alaska.gov

**CALCULATION OF AVERAGE CLASS RATE PER kWh**

Rate Schedule: **All**

Customer Charge (CC): \$2.00

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to 750	0.5000		0.5000	377.0000		
751 to						
to						
to						
<b>Max</b> 750			<b>Total</b>	<b>377.0000</b>	<b>0.5027</b>	<b>0.3069</b>

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.1958
0 to						
to						
to						
to						
<b>Max</b> 750			<b>Total</b>			

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0 to						
to						
to						
to						
<b>Max</b> 750			<b>Total</b>			

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0 to						
to						
to						
to						
<b>Max</b> 750			<b>Total</b>			